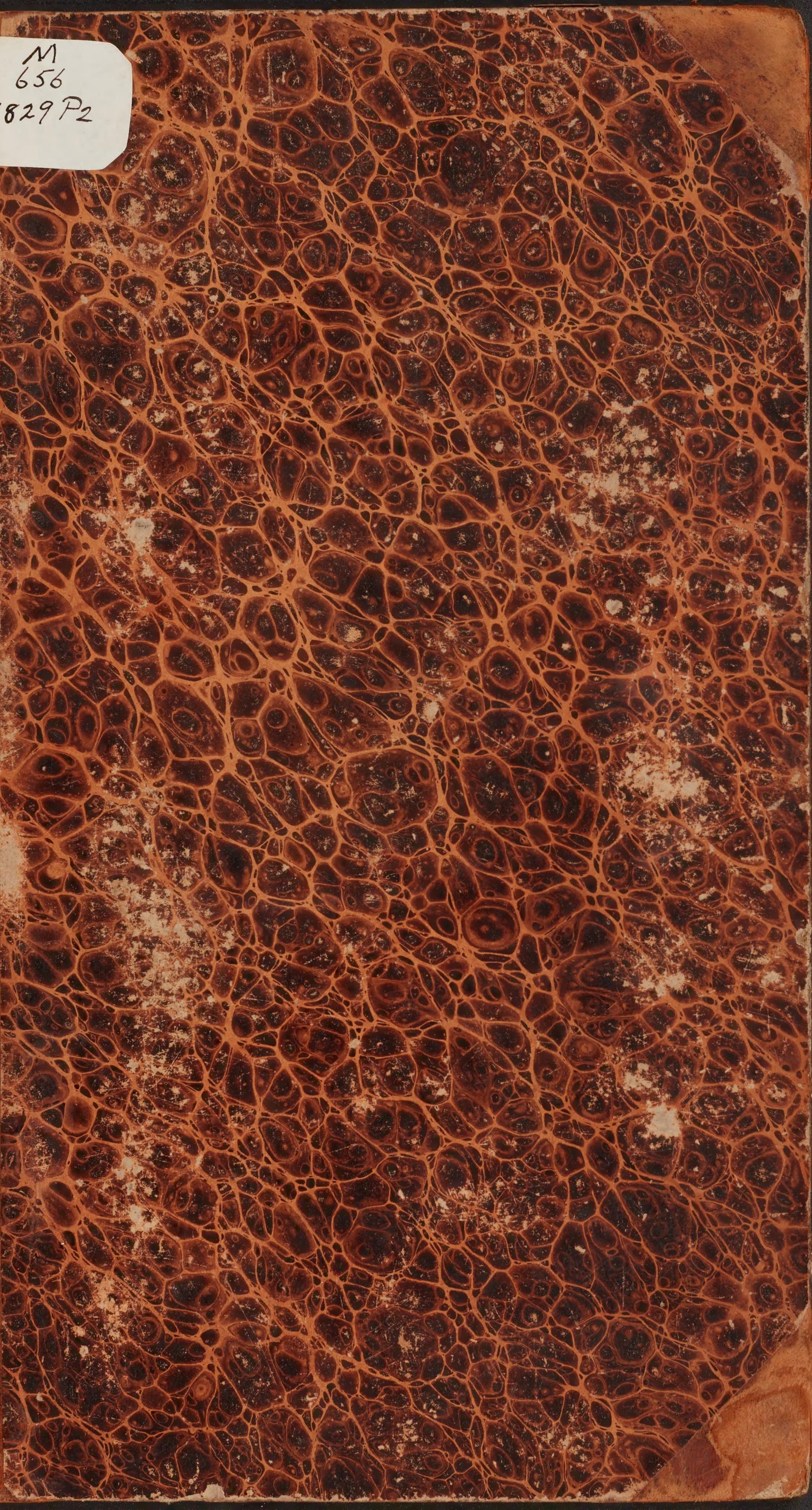


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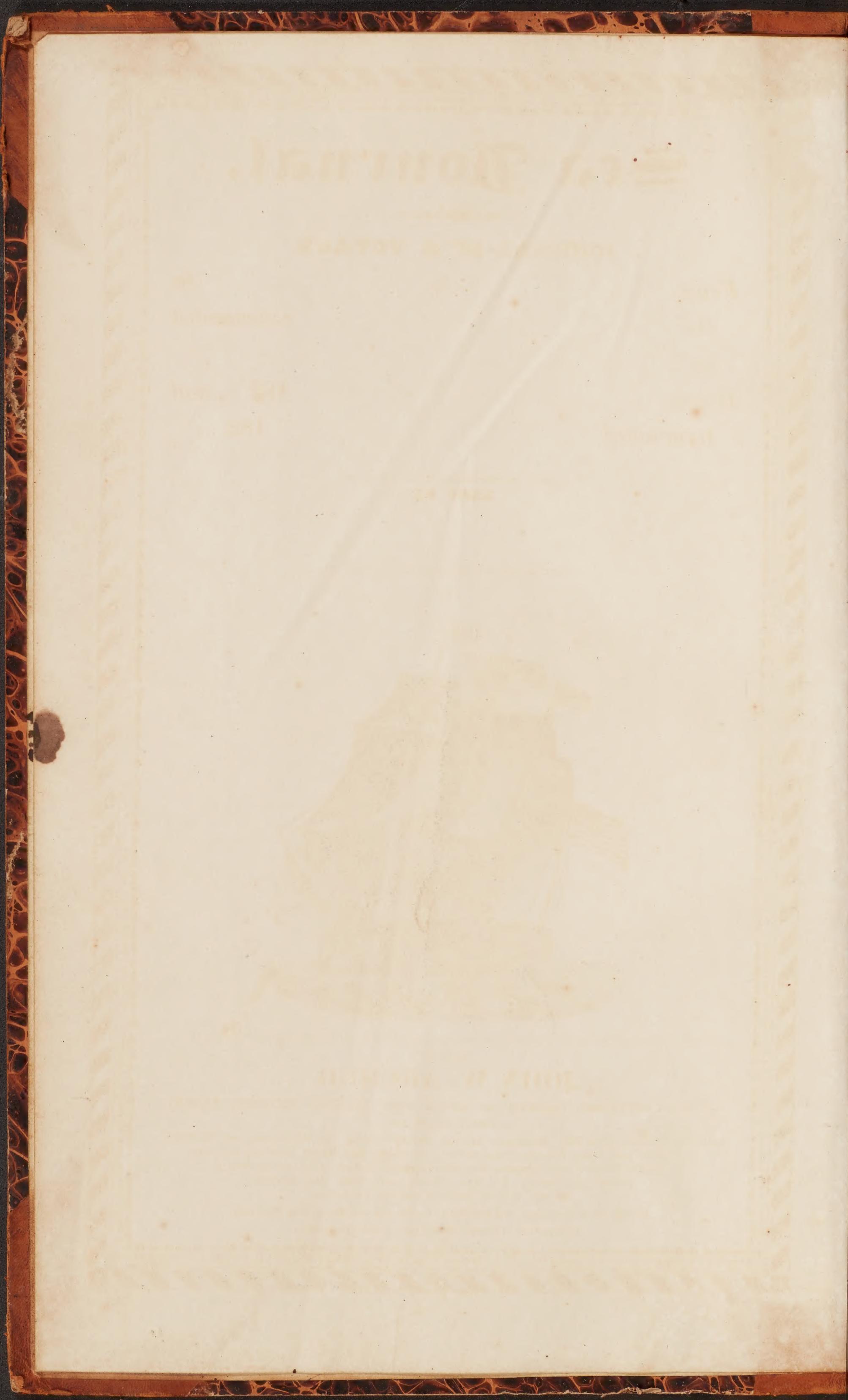
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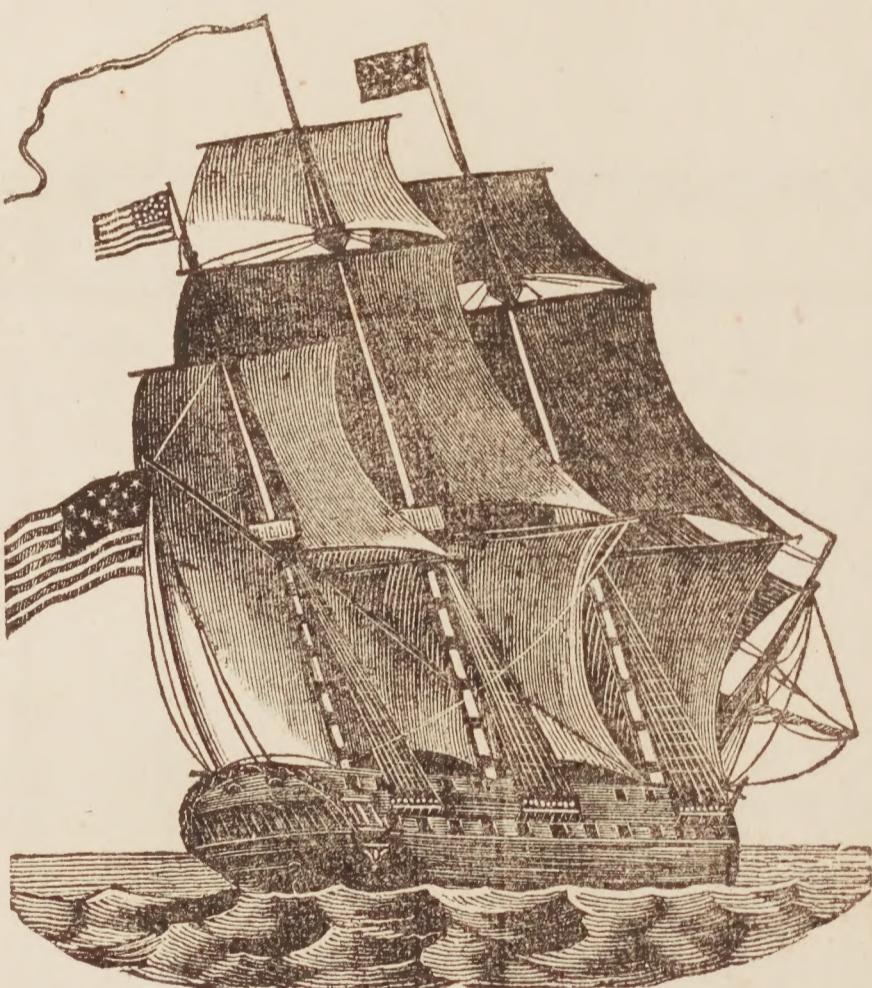


# Sea Journal.

## JOURNAL OF A VOYAGE

*From* *to* *in*  
*the* *commanded*  
*by*  
*Begun* *182* , and  
*terminated* *182* .

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Brig Pasteur from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7 Saturday June 15 <sup>th</sup> 1883
8	9	10	11	12	1	2 At 8 P.M. the Pilot came on board and made sail from the wharf with a moderate breeze from the Eastward
3	4	5	6	7	8	9
10	11	12	1	2	3	4 S.C. N.W.
5	5	5	5	5	5	6 At 12 midnight Bakers Island lights bore N.W. by W. dist 12 m.
3	3	3	3	3	3	4 Pleasant during the night
4	3	3	3	3	3	5 at 8 A.M. set Lower & S.P. main studsails
5	3	3	3	3	3	6 Latte part pleasant unbent
6	3	3	3	3	3	7 the cables and stowed the anchors on the bows
7	3	3	3	3	3	8 at 12 merid. Cape Cod Lt. house bore N & W. dist 3 Leagues
8	3	3	3	3	3	9 Lat 42° 42' 03" North
9	1	1	1	1	1	10 S.E. G. S.
10	2	2	2	2	2	11 S.E. G. S. E.
11	2	2	2	2	2	12
12	2	2	2	2	2	

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8768	104	25	101	41° 38'		3/4 N 18° 18'	6232		

Pactolus from Salem towards Cazenne

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8466	128	129	92	38°59'	29'01"	MM	1°59'	6533	

Brig *Patolus* from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7		S.E.	North		
2	7					Coms with fresh breezes and light squalls 1 P.M. in Trysail
3	6					8 in Lower Studail 9 A.M. in
4	7					G.G. sail
5	7					
6	7					11 in G.G. mast Studail single reefed the topsails
7	7					
8	7					
9	7					
10	7		S.E.G.S			
11	7					Middle part fresh gales and squally 12 in M.G. sail and double reefed the main topsail
12	6					furled Mainail
1	7					3 A.M. in Tabb and set G.G. Mast
2	7					Staysail
3	7					passed a Brig standing South
4	7		S.S.E. 1/2 E			
5	7					End squally
6	7					
7	7		S.E.			
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 8	165	10 49	125 37 12	37 18 17			2° 39' 62 54		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		S.E.	SW.		Com with strong breezes and squally weather
2	6					
3	6					
4	7					
5	7					
6	7					
7	7					Middle part fresh breezes and cloudy with lightning
8	7					
9	7					
10	7		S.E.G.S			At 1 A.M. out reef and set G.G. Mast Studail 9 set Lower Studail M.G. sail and Tabb
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 8	135	12	103 31 51			1/2	2° 09'	60 41	

Brig. Pasteur from Salem towards Cayenne

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	S.C. Slight			Cloud with strong breezes and squally weatheres 8 P.M. in lower Studail
2	6					
3	5	1				
4	5					
5	5					
6	4					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					at 4 A.M. out reefs and set G. Mart Studail I set lower Studail M. G. Goat and Lib.
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5	1	S.E. S			
12	5	1	S.E. G.S			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
8498	188	1° 39'	112	34° 12'		1/2	2° 17'	58.30	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S.C. N.E.			Cloud with moderate breezes and pleasant weather at 1 P.M. set G. Mart Studail
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					At R. squally appearance took in G. Mart Studail
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
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9	5					
10	5					
11	5					
12	5					
1	5					

Brig *Pattolus* from Salem towards Cayenne

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		S.E. by N.	E. by S.		Sunday June 23
2	2					First part brisk breezes and cloudy weather
3	3					all hands employed in ship's duty
4	4					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					Middle part light winds and pleasant
11	11					
12	12					
1	1					At 12 Meridian gybed ship
2	2					End with light airs and pleasant
3	3					
4	4					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					
11	11					
12	12					
Lat 31° 57' North						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8406	80	1° 0'	51	31° 59'	31° 57'	1/4	10' 50'	56' 00"	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		S.E. by S.	W.W.		Sunday June 23
2	2					Light airs and pleasant weather
3	3					
4	4					
5	5					
6	6					
7	7					Moderate during the night
8	8					
9	9		Calm			
10	10					
11	11					
12	12		80 N.E.			At 6 A.M. set mainmast and Gybsail
1	1					
2	2					
3	3		E by S.	SE		8 tacked to South
4	4					
5	5		E by S.			12 tacked to the Eastward
6	6					
7	7					
8	8					
9	9					
10	10		S.W. by S.			
11	11					
12	12		W.W.			No Observation

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8866	15	1'	15	31° 56'		1/4	1'	55' 59"	

Position from Gibon towards Guyenne.

H	K	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3	1	6th	South	W	
2	3	1	7th	SW		Cloudy with moderate breeze and some drizzle
3	4	1	8th	SW		Wind strengthened up to 10-12 kts Gibon bent and cut the sail
4	4	1	9th			
5	4	1	10th			
6	4	1	11th			
7	3	1	12th			
8	3	1	13th			
9	3	1	14th			
10	3	1	15th			
11	3	1	16th			
12	3	1	17th			
1	3	1	18th	W		
2	3	1	19th	W		
3	3	1	20th	W		
4	3	1	21st	W		
5	3	1	22nd	W		
6	3	1	23rd	W		
7	3	1	24th	W		
8	3	1	25th	W		
9	3	1	26th	W		
10	3	1	27th	W		
11	3	1	28th	W		
12	3	1	29th	W		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
8586	81	18	25	38° 40'	38° 41'	W	31	53° 28'	

H	K	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	6th	W		
2	4	1	7th	W		Cloudy and drizzling weather at 7 AM at 41° 53'
3	4	1	8th	W		
4	4	1	9th	W		
5	4	1	10th	W		
6	4	1	11th	W		
7	3	1	12th	W		
8	3	1	13th	W		
9	3	1	14th	W		
10	3	1	15th	W		
11	3	1	16th	W		
12	3	1	17th	W		
1	3	1	18th	W		
2	3	1	19th	W		
3	3	1	20th	W		
4	3	1	21st	W		
5	3	1	22nd	W		
6	3	1	23rd	W		
7	3	1	24th	W		
8	3	1	25th	W		
9	3	1	26th	W		
10	3	1	27th	W		
11	3	1	28th	W		
12	3	1	29th	W		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
1806	82	14	80	31° 55'	32° 00'	W	134	58° 58'	

Letters from Salem towards Ceylon

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		East	W.E.		
2	5					6 m. with high winds and little sea
3	5					5 m. high winds and little sea
4	4					5 m. high winds and little sea
5	4					5 m. high winds and little sea
6	4					
7	4		East	W.E.		
8	4					
9	3		West	W.E.		
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
825 <sup>W</sup>	39	35	18	31° 31'	31° 30'	42	18	55 <sup>1/2</sup>	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		West	W.E.		
2	3					High winds and heavy sea with small and irregular waves
3	3					5 m. high winds and little sea
4	3					
5	3					
6	3					
7	3		High West	W.E.		
8	3					
9	3					
10	3					Middle and little high winds waves and heavy sea
11	3					
12	3					
1	3		West	W.E.		
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
825 <sup>W</sup>	87	108	39	30° 12'	30° 03'	42	45	55 <sup>57</sup>	

Brig *Prestote* from *Halen* towards *Guyenne*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3		W. S. E. & S. E.			Saturday June 11 <sup>th</sup>
2	3					Commodate wind present
3	3					at 11. a. m. 40° 30' S. E.
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	4					
2	4					
3	4					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
85° 6'	71	1° 10'	7	28° 53'	28° 51' 11"	8	8	55° 49'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		W. S. E. & S. E.			Sunday June 12 <sup>th</sup>
2	2					no wind, very light winds
3	2					and frequent showers
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
90° W.	38	45	8	28° 04'	28° 08' 11"	9	9	55° 48'	

Brig Pactorus from ~~Chowan~~ towards ~~Cajine~~ ~~me~~

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	Monday July 1st 1833
1	3		SE. by S.				
2	2					Lively breezes and pleasant weather	
3	2						
4	2						
5	2						
6	2						
7	2						
8	2						
9	2						
10	2		South	SE. S. E.			
11	2						
12	2						
1	2						
2	2						
3	2						
4	2						
5	2						
6	2						
7	2						
8	2						
9	2						
10	2						
11	2						
12	2						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1498	39	26	29	29° 42'	27° 41'	Wht 33	45° 08'		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	Tuesday July 2nd 1833
1	3		SE. by E. East				
2	2						
3	2						
4	2						
5	2						
6	2						
7	2		SE. by E.			clear and calm during	
8	2					night	
9	2						
10	2						
11	2						
12	2						
1	2		SE. by E.				
2	2						
3	2						
4	2						
5	2						
6	2						
7	2		SE. E.				
8	2						
9	2						
10	2						
11	2						
12	2						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1286	80	1° 31' 18"	86° 35' 20"	86° 35' 10"	92° 42' 35"	Wht 43	55° 24'		

True Nucleus from Nantes towards Cayenne.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		S.S.E. East			
2	4					W. with both becalmed and hanging clouds a rough head boat sea.
3	4					
4	4					
5	4		S.E. S			
6	5		S.S.E.			
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5		S.E. E			
8	5		S.P.E.			
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
5226	118	145	58	24° 35'.8	24° 36'.8	12	60	5.924	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S.S.E. East			
2	5					all these 24° winds strong trough and cloudy
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Tuesday July 11<sup>th</sup> 1833

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1822	134	2° 00'	60	22° 3'.8	22° 1'.8	12	65	5.719	

*Bug Patoles from Saleon towards Coquimbo*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	11	SSE	East		Wind with strong breezes and passing clouds
2	5	11				
3	5	11				
4	5	11				
5	5	11				
6	5	11				
7	5	11				
8	5	11				
9	5	11				
10	5	11				
11	5	11				
12	5	11				
1	6	11	SSE	East		Middle and latter part strong breezes
2	6	11				
3	6	11				
4	6	11				
5	5	11	SSE			4-8 A.M. single reef in the topsails
6	5	11				
7	5	11				
8	5	11				
9	5	11				
10	5	11				
11	5	11				
12	5	11				
Lat. 36° 17' 53" S						
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.
146	141	2° 09'	57'	36° 17' 53"	36° 17' 53"	0
Diff. Long.	Long. in.	Long. by Ob.				
10° 51' 18"						

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6	11	SSE	East		Wind with strong breezes and passing clouds
2	6	11				
3	6	11				
4	6	11				
5	5	11				
6	5	11				
7	5	11				
8	5	11				
9	5	11				
10	5	11				
11	5	11				
12	5	11				
1	6	11	SSE			Middle and latter part strong breezes and passing clouds
2	6	11				
3	6	11				
4	6	11				
5	5	11	SSE			
6	5	11				
7	5	11	SSE			
8	5	11				
9	5	11				
10	5	11				
11	5	11				
12	5	11				
Lat. 36° 17' 39"						
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.
148	141	2° 11'	77'	36° 17' 39"	36° 17' 39"	0
Diff. Long.	Long. in.	Long. by Ob.				
10° 50' 8"						

Brig Pactolus from Shalem towards Ceylon.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.
45° E	180	1° 09'	11	15° 30'	15° 31'	1
Diff. Long.	Long. in.	Long. by Ob.				
	1	36° 19'				

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.
45° E	86	1° 20'	2	15° 38'	15° 39'	8
Diff. Long.	Long. in.	Long. by Ob.				
	8	36° 8'				

Log of the Vessel from Shilim towards Ceylon

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			S. S. E. & East			
2						First part of the day was fair and weather
3						
4						1. 30. in 3. G. wind & high sea at the 4. G. wind
5						
6						
7						
8						
9						
10						Middle part strong breeze and cloudy
11						
12						11 A.M. reach'd the Ceylon wind set 4. G. wind
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
150° E	150	130	2° 20'	11° 30'	11° 30'		3°	30° 03'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		S. S. E.			
2	5					Day was with strong breeze and cloudy weather
3	5					
4	5					4 P.M. pleasant & strong breeze and let the vessel out of the 3. G. wind
5	3		S. S. W.			
6	2		S. S. W.			
7	2		S. S. W.			
8	1		S. S. E.			
9						
10						Middle part pleasant
11						
12						5 A.M. out the vessel to the 4. G. wind and out 4. G. wind again
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
180° E	95	134	13	10° 58'	10° 55'		9	49° 50'	47° 30'

Sat 8<sup>th</sup> 9<sup>55</sup>

Copy of Ob at 9 a.m. 47° 30' Lat

Brig. Pictures from Salem towards Ozymene

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		South	60°		
2	5					Wind just fresh seas and pleasant weather
3	5					at 4 o'clock M. G. F. started
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
85°W	118	1°55'	10°58'	1°58'			13	80°03' 47°45'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		W 20° S 60°			
2	4					Progress with moderate breeze and cloudy
3	4					
4	4					
5	3		W 20°			
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
South	11	1°		2°32'	2°24'			50°03' 47°04'	

in 1866 from Mission towards Coquille

184	18	88	1804	1815	18	1831	1832
-----	----	----	------	------	----	------	------

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
120° 10'	136 20'	9° 41'	5° 15'			30	57 19'	18° 08'	

Prog. Lecture from Hellen towards Eugenine

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Tuesday July 15 <sup>th</sup> 1853			
1			W. W. & E. E.				W. S. S. & S. S. E.			
2							W. S. S. & S. S. E.			
3							W. S. S. & S. S. E.			
4							W. S. S. & S. S. E.			
5							W. S. S. & S. S. E.			
6							W. S. S. & S. S. E.			
7							W. S. S. & S. S. E.			
8							W. S. S. & S. S. E.			
9							W. S. S. & S. S. E.			
10							W. S. S. & S. S. E.			
11							W. S. S. & S. S. E.			
12							W. S. S. & S. S. E.			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
085.7	55	5	15	5° 13' 55"			125.5207	115.8	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Tuesday July 15 <sup>th</sup> 1853			
1			W. S. S. & E.				W. S. S. & S. S. E.			
2			W. S. S. & E.				W. S. S. & S. S. E.			
3			W. S. S. & E.				W. S. S. & S. S. E.			
4			W. S. S. & E.				W. S. S. & S. S. E.			
5			W. S. S. & E.				W. S. S. & S. S. E.			
6			W. S. S. & E.				W. S. S. & S. S. E.			
7			W. S. S. & E.				W. S. S. & S. S. E.			
8			W. S. S. & E.				W. S. S. & S. S. E.			
9			W. S. S. & E.				W. S. S. & S. S. E.			
10			W. S. S. & E.				W. S. S. & S. S. E.			
11			W. S. S. & E.				W. S. S. & S. S. E.			
12			W. S. S. & E.				W. S. S. & S. S. E.			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
145.7	112	123	83	4° 14' 4.32			125.5383	50.33	



P. S. to the from Cayenne towards S. America

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W. 10.6	E. 13.5		Winds with moderate breeze and small sea with a swelling, with a t. 10.500. in. 9.3. Most and 11.5 g. clouds
2	2	1				
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. 11.6	59	12.7	18	8° 08'	9.00		19	51.91	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W. 8.6	E. 13.5		Winds with moderate breeze and small sea with a large swell from N. E.
2	2	1				
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1	W. 9.6	E. 13.5		Winds with moderate breeze and small sea with a large swell from N. E.
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	3	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1	W. 9.6	E. 13.5		Winds with moderate breeze and small sea with a large swell from N. E.
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. 11.6	68	10.13	10.13	10.48			14.51.25	51.58	

Flight of a tortoise from Bayonne towards Salers.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		North East			
2	2			t		
3	2		Westerly	W.		
4	3					
5	5	1	West			
6	5					
7	5		NE & East			
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	4					
5	5					
6	5					
7	5		NE &			
8	5		South			
9	5					
10	5					
11	5					
12	5					
						Saturday October 6th
						Begins with somewhat steady baffling breezes and gradually 5 P.M. took in flying jib and f.g. sails
						11 o'clock M. f.g. sent
						Middle part more pleasant
						At 2 A.M. sent f.g. sent
						latter part strong breeze
						Latitude 12° 30' North

Brig Sactoias from Cayenne towards Galion

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Monday October 28th
1	5	1	WGN E&E			Cloud with brisk trades and pleasant weather	
2	5	1					
3	5						
4	5						
5	5						
6	5						
7	5						
8	4	1					
9	4	1					
10	4	1					
11	4	1					
12	5	1					
1	5	1					
2	5	1					
3	5	1					
4	5	1					
5	5	1					
6	5	1					
7	5	1					
8	5	1					
9	5	1					
10	5	1					
11	5	1					
12	5	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
WGN	128	128	24	17°16'	17°22'	.	25	52°47'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Tuesday October 29th 1833	
1	6	1	WGN E&E			Cloud with strong trades and pleasant weather		
2	5	1						
3	5	1						
4	5	1						
5	5	1						
6	5	1						
7	5	1						
8	5	1						
9	5	1						
10	5	1						
11	4	1						
12	5	1						
1	5	1						
2	5	1						
3	5	1						
4	5	1						
5	5	1						
6	5	1						
7	5	1						
8	6	1	WGN W					
9	6	1	WGN W					
10	5	1						
11	5	1						
12	5	1						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
WGN	130	20	28	19°35'	19°48'	.	30	53°17'	

1833

## Brig. La. totus from Cayenne towards Galera

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.			
1	5		SW	W		Wednesday October 30 <sup>th</sup>			
2	5					Light breezes and pleasant			
3	3					weather all hands employed			
4	3					back in the sheet anchor under			
5	3					the cables stowed the sheet			
6	5					chain below			
7	5								
8	3								
9	3								
10	6								
11	5					Middle & N.E. part moderate			
12	5					and pleasant			
1	5					at 8 a.m. set lower & tuck'd			
2	7								
3	4								
4	4								
5	4								
6	4								
7	4								
8	3								
9	3								
10	3								
11	3								
12	3								
Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.									
SW	118	1°49'	43	21°35'	21°41'			48 5403	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.			
1	3		NNW	East		Thursday October 31 <sup>st</sup>			
2	3					Light breezes and pleasant			
3	3					weather all hands employed			
4	3					set up the fire lower & topmast			
5	3					gigging turned up and took			
6	3					fire and main topmast			
7	3					backstays			
8	3								
9	3								
10	3								
11	3								
12	3								
Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.									
SW	119	1°10'	50	22°57'	23°18'			32 5438	

Brig Saotome from Guyenne towards Salem

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7 Friday November 1 <sup>st</sup> 1833
7	8	9	10	11	12	first part light winds and fine weather
2	3	4	5	6	7	Middle part light variable winds and squally appearances at 3 P.M. in all trades
3	4	5	6	7	8	11 I saw the Schooner Lady Cockburn from Falmouth bound to Barbadoes
4	5	6	7	8	9	12 Lath 25° 1' North
5	6	7	8	9	10	11 5° 15' East
6	7	8	9	10	11	12
7	8	9	10	11	12	
8	9	10	11	12		
9	10	11	12			
10	11	12				
11	12					
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W 38° 38' 44	19	19	2355	2401		20	25 45' 5	1	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.			
1	2	3	4	5	6	7 Saturday Nov 2 <sup>nd</sup> 1833			
2	3	4	5	6	7	Begins with light breezes and squally appearances at 7 in S. M. and sail set full staysail and jib sail			
3	4	5	6	7	8	9	10	11	12
4	5	6	7	8	9	10	11	12	
5	6	7	8	9	10	11	12		
6	7	8	9	10	11	12			
7	8	9	10	11	12				
8	9	10	11	12					
9	10	11	12						
10	11	12							
11	12								
12									
1	2	3	4	5	6	7	8	9	10
2	3	4	5	6	7	8	9	10	11
3	4	5	6	7	8	9	10	11	12
4	5	6	7	8	9	10	11	12	
5	6	7	8	9	10	11	12		
6	7	8	9	10	11	12			
7	8	9	10	11	12				
8	9	10	11	12					
9	10	11	12						
10	11	12							
11	12								
12									

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W 38° 59' 54	24	24 57' 24 53		26 31' 23					

Brig *Sactolus* from Cayenne towards St. Lucia

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		SWW. W. S.			
2	2					
3	2		N.W. N.N.E.			
4	3					
5	4					
6	4					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Sunday Nov 8<sup>th</sup>  
Came with moderate breezes  
and generally a N. W. M. breeze  
about on the starboard tack.  
hauled up mainsail and  
took in F. G. sails & set mizzen  
Wind fresh breezes and generally  
a heavy head sea going  
1 P.M single reefed the main  
and double reefed the fore  
topsail

Lat 08° 25' S. 50' North

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 15 W	84	19	59	25.52	25.50		1° 05	35.28	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N.W. N.N.E.			
2	2					
3	2		N.W. N.N.E.			
4	3					
5	4					
6	4					
7	3		SWW. N.E.W.			
8	3					
9	3					
10	3					
11	3					
12	3					

Begins with strong breezes and  
cloudy weather & of 1 P.M. let  
a sea out of each topsail and  
set main F. G. sail & set F. G.  
sail & let the rest out of the  
topsail

Middle and latter part  
moderate and pleasant  
12 midday let the rest out of  
the F. G. sail & 1 P.M. set F. G.  
sail

Lat 08° 25' S. 50' North

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W 14 W	84	1°	58	26.80	26.40		1° 05	37.28	

Brig Saotis from Bayonne towards Salem

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Tuesday November 5th 1822			
1	2	1	W N W	Worth		First part, light breezes and pleasant weather.				
2	2									
3	2									
4	2									
5	2									
6	4	4								
7	4	4								
8	4	4								
9	3	3								
10	3	3								
11	4	4								
12	1	1								
1	3	3								
2	3	3								
3	3	3								
4	3	3								
5	2	2								
6	2	2								
7	2	2								
8	2	2								
9	2	2								
10	2	2								
11	2	2								
12	2	2								

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
WSW 10	25	15	22° 12'	21° 13'	111	1° 13'	58'		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Wednesday November 6th 1822			
1	3	3	West	W N W	1	Cloud with moderate breezes and pleasant weather.				
2	3	3	W N S	W N W	1	at 4 P.M. backed right to N.E.				
3	3	3	W E G R			8 in. G. sails and G. Sill				
4	4	4				1/2 backed to Westward 11 increasing				
5	4	4				breezes double reefed the fore				
6	4	4				and single reefed the main				
7	4	4				G. sails				
8	3	3	Light Wind			Strong gales during the night				
9	3	3				1/2 double reefed the g. sail				
10	3	3				in G. and main sail				
11	3	3								
12	2	2								
1	2	2								
2	2	2								
3	2	2								
4	2	2								
5	2	2								
6	2	2								
7	2	2								
8	2	2								
9	2	2								
10	2	2								
11	2	2								
12	2	2								
1	3	3								
2	3	3								
3	3	3								
4	3	3								
5	2	2								
6	2	2								
7	2	2								
8	2	2								
9	2	2								
10	2	2								
11	2	2								
12	2	2								

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
WSW 13	2	16	22° 11'	22° 20'	W	18 58'	9		

Brig. *La totius* from *Guyenne* towards *Falem*.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W. N. E. N. W.			
2	2	1	W. N. E. N. W.			
3	2	1	W. N. E. N. W.			
4	2	1	W. N. E. N. W.			
5	2	1	W. N. E. N. W.			
6	2	1	W. N. E. N. W.			
7	2	1	W. N. E. N. W.			
8	2	1	W. N. E. N. W.			
9	2	1	W. N. E. N. W.			
10	2	2	W. N. E. N. W.			
11	2	2	W. N. E. N. W.			
12	1	2	W. N. E. N. W.			
1	2	2	W. N. E. N. W.			
2	2	2	W. N. E. N. W.			
3	2	2	W. N. E. N. W.			
4	2	2	W. N. E. N. W.			
5	2	2	W. N. E. N. W.			
6	2	2	W. N. E. N. W.			
7	3	3	W. N. E. N. W.			
8	3	3	W. N. E. N. W.			
9	3	3	W. N. E. N. W.			
10	3	3	W. N. E. N. W.			
11	3	3	W. N. E. N. W.			
12	3	3	W. N. E. N. W.			

W. N. E. N. W. Lat by Obs 27° 53' North

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S. W. 13	32	62	27° 52' 23" S	27° 52' 23" S	1' N	70' S	60' S		
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	Friday November 8th 1833		
1	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.	Begins with strong breezes and cloudy weather			
2	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.	11 A.M. set M. G. G. sail			
3	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
4	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
5	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
6	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
7	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
8	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
9	4	1	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
10	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.	Middle and latter part fresh breezes and pleasant			
11	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
12	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
1	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.	7 A.M. set G. G. G. sail			
2	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
3	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
4	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
5	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
6	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
7	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
8	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
9	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
10	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
11	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				
12	5	5	W. N. E. N. W.	W. N. E. N. W.	W. N. E. N. W.				

Lat Obs 29° 19' North

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. S. W.	103	1° 31'	48 28'	28° 27' 19"	28° 27' 19"	1' N	55	61° 04'	

Brig Salomon from Guernsey towards Palau.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Saturday evening 9/12/1833			
1			W N W N E							
2						Com. with fresh breeze and fine weather				
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 14° W 9/3	123.33	30° 52'	30.55	14.11	14.11	38 61 42			

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Sunday November 10th			
1	3		W N W S S			Brig ins with moderate breeze and cloudy				
2	3					Stabent the main topsail and bent another				
3	3					at 6 PM in the sail mainsail and gaff sail				
4	3									
5	3									
6	3									
7	2									
8	2									
9	3									
10	3									
11	3									
12	3									

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 14° W 11	116	32° 09'	32.13	14.11	14.11	26 80 06			

Brig. Sactolus from Cayenne towards Salerin

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	10	SW	SE	Cloudy with fresh breezes and pleasant weather at 8 A.M. set Flying Libl
2	5	1				at 9 A.M. set Flying Libl
3	5	1				10 on S. S. M. st. tuds air
4	5	1				Middle and latter part fresh breezes and hazy weather
5	5	1				at 8 A.M. set S. S. M. st. tuds air & Flying Libl
6	4	3	3			
7	3	3	3			
8	3	3	3			
9	3	3	3			
10	3	3	3			
11	3	3	3			
12	3	3	3			

Latt Obs. 3d. 11<sup>th</sup> V. 10<sup>th</sup>

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
150°	115 1/4	30	33° 58'	36° 11'	11	35 872			

13. *Pygmaeum* *SW* Beginning with birch trees

Beginning with brisk breeze  
and hazy weather  
at 8 P.M. in F. G. Martindale  
and Helvetic Hill  
is a reef on the Tyrolean

Middle part strong bear  
and cloudy 5 A.M. in 30°  
8 double reefed topsails

Lat 38° 43'

Thermometer at 8 A.M., 64°  
at Noon 66°

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Obs.	Varia.	Diff. Long.	Long. in.	Long. by Obs.
SW	150	8°30'	43	36°41'	36°30'	SW	52	8334	

Log Book from Oyenne towards Tulleux.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	W N W	W N W		Wednesday Nov 13 <sup>th</sup>
2	1					Cloudy with strong gales and a large sea. I, 300, took in Jib and main sail close reefed the fore sail reefed the fore sail and bosun's t in fore sail and jib spinnaker.
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Lat. 46° 37' N. Lon. 0° 03' E.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W E	20. 100	8	32° 31'	32° 28'		9	32°		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W N W	W N W		Wednesday Nov 14 <sup>th</sup> 1853
2	1					Cloudy with strong gales and cloudy with a rough sea going whirlwinds passing in different directions
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Lat. 46° 38' N. Lon. 0° 03' E.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W E	80	80	46	38° 38' 12"	38° 40' 00"	12	48° 02' 32"		

Brig. Protho from Cayenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		North	W.W.		
2	2		W.W.	W.W.		Begins with light breezes and fine weather 9:30 A.M. took in F. S. G sail furled Main sail fbl and Frysail Middle, had strong breeze and cloudy
3	1		W.W.	W.W.		4 P.M. in M. S. G sail and double reefed the topsails
4	1		W.W.	W.W.		9:30 A.M. sounded 9 fathoms no bottom
5	1		W.W.	W.W.		10 took a heavy squall from West leeward up and furled foresail and F. S. sail were ship to south
6	1		W.W.	W.W.		11 moderate and pleasant
7	2		W.W.	W.W.		wore ship N.W. set foresail
8	3		W.W.	W.W.		Ends moderate with a rough
9	3		W.W.	W.W.		irregular sea
10	1		W.W.	W.W.		S. 40° 08' N. 70° 35' W.
11	1		W.W.	W.W.		Lat. Obs. 40° 08' N. 70° 35' W.
12	1		W.W.	W.W.		Long. Obs. 70° 35' W.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. 55° E.	90	52	01'	39° 38'	40° 08'	W	70° 35'	70° 35' 49"	W

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		W.W.	W.W.		Begins with fresh breezes
2	3					and cloudy at 4 P.M. in fbl
3	3					and furled foresail and
4	1		W.W.	South		main sail close reefed the
5	1					topsails 5 furled the F. S. sail
6	1					and were ship to south
7	1					fresh gales and squalls
8	1					during the night 6 A.M.
9	1					were ship to north set
10	1					foresail and F. S. sail
11	1					Morning moderate set
12	1					foresail and F. S. sail
1	1					out all reefs out all reefs
2	1					and set fbl several reefs
3	1					in night sounded 9 fathoms
4	1					no bottom. Ended cloudy
5	1					W. Observation
6	1					
7	1					
8	1					
9	1					
10	2					
11	2					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
88° W.	10	4	5	40° 04'			3	89° 28'	

Brig *Pactolus* from Cayenne towards Salem

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Sunday, Nov 17th 1833
1	2	1	W N E. 180° 30'	Cloudy, moderate and cloudy			
2	2	1	W N E. N W	180° M. wore ship close			
3	2	1	W N E. N W	reefed the topsails furled			
4	1	1	W N E. West	the fore sail and fore top-			
5	1	1	W N E. West	spanner and topgallant			
6	1	1	W N E. N W				
7	2	1	W N E. N W				
8	3	1	W N E. N W				
9	2	1	W N E. N W				
10	2	1	W N E. N W				
11	2	1	W N E. N W				
12	2	1	W N E. N W				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W 30° E	22	14	11	40° 18'	39° 55'	11th W	21	54° 00'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Monday, Nov 18th
1	2	1	W N E. West	30° E		Begins with strong gales	
2	2	1	W N E. N W			and longy weather	
3	2	1	W N E. N W				
4	2	1	W N E. N W				
5	2	1	W N E. N W				
6	2	1	W N E. N W				
7	2	1	W N E. N W				
8	2	1	W N E. N W				
9	2	1	W N E. N W				
10	2	1	W N E. N W				
11	2	1	W N E. N W				
12	2	1	W N E. N W				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W 20° E	21	22	1	40° 22'	40° 18'	24 W	21	54° 00'	

Brig. La. takes from Guyenne towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	9	1	W. N. W. West Sp.	W.		Sp. begins with light breezes and cloudy weather 8 A.M. in Sibley and main sail double reefed the giz sail and set splices
2	9	1				at 10 A.M. sounded in 50 fathoms white sand and black specks
3	9	1				at 11 A.M. sounded 43 fathoms fine white sand and black specks
4	9	1				at 12 P.M. sounded 43 fathoms white sand and black specks
5	9	1				at 1 P.M. sounded 43 fathoms white sand and black specks
6	9	1				at 2 P.M. sounded 43 fathoms white sand and black specks
7	9	1				at 3 P.M. sounded 43 fathoms white sand and black specks
8	9	1				at 4 P.M. sounded 43 fathoms white sand and black specks
9	9	1				at 5 P.M. sounded 43 fathoms white sand and black specks
10	9	1				at 6 P.M. sounded 43 fathoms white sand and black specks
11	9	1				at 7 P.M. sounded 43 fathoms white sand and black specks
12	9	1				at 8 P.M. sounded 43 fathoms white sand and black specks
1	3	1	W. N. W. N. W.	W.		at 9 P.M. 40 fathoms fine white sand and broken shells
2	3	1				at 10 P.M. 40 fathoms fine white sand and broken shells
3	3	1				at 11 P.M. 40 fathoms fine white sand and broken shells
4	3	1				at 12 P.M. 40 fathoms fine white sand and broken shells
5	3	1				at 1 P.M. 40 fathoms fine white sand and broken shells
6	3	1				at 2 P.M. 40 fathoms fine white sand and broken shells
7	3	1				at 3 P.M. 40 fathoms fine white sand and broken shells
8	3	1				at 4 P.M. 40 fathoms fine white sand and broken shells
9	3	1				at 5 P.M. 40 fathoms fine white sand and broken shells
10	3	1				at 6 P.M. 40 fathoms fine white sand and broken shells
11	3	1				at 7 P.M. 40 fathoms fine white sand and broken shells
12	3	1				at 8 P.M. 40 fathoms fine white sand and broken shells
						Latt 41° 30' 40' 40' 40'

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SW	75	1° 3' 8	41° 30'	41° 34'		2	8° 28'		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	9	1	W. N. W. N. W.	W.		Sp. begins with light breezes and cloudy weather 8 A.M. in Sibley and main sail double reefed
2	9	1				at 9 A.M. sounded 35 fathoms white sand with black specks and broken shells
3	9	1				at 10 A.M. 40 fathoms rocky bottom
4	9	1				at 11 A.M. 43 fathoms gravel and sand
5	9	1				at 12 P.M. 43 fathoms gravel and sand
6	9	1				at 1 P.M. 43 fathoms gravel and sand
7	9	1				at 2 P.M. 43 fathoms gravel and sand
8	9	1				at 3 P.M. 43 fathoms gravel and sand
9	9	1				at 4 P.M. 43 fathoms gravel and sand
10	9	1				at 5 P.M. 43 fathoms gravel and sand
11	9	1				at 6 P.M. 43 fathoms gravel and sand
12	9	1				at 7 P.M. 43 fathoms gravel and sand
1	9	1	W. N. W. N. W.	W.		Sp. begins with light breezes and cloudy weather 8 A.M. in Sibley and main sail double reefed
2	9	1				at 9 A.M. 40 fathoms rocky bottom
3	9	1				at 10 A.M. 40 fathoms gravel and sand
4	9	1				at 11 A.M. 40 fathoms gravel and sand
5	9	1				at 12 P.M. 40 fathoms gravel and sand
6	9	1				at 1 P.M. 40 fathoms gravel and sand
7	9	1				at 2 P.M. 40 fathoms gravel and sand
8	9	1				at 3 P.M. 40 fathoms gravel and sand
9	9	1				at 4 P.M. 40 fathoms gravel and sand
10	9	1				at 5 P.M. 40 fathoms gravel and sand
11	9	1				at 6 P.M. 40 fathoms gravel and sand
12	9	1				at 7 P.M. 40 fathoms gravel and sand
						Latt 41° 30' 40' 40' 40'

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. N. W. N. W.	91	84	64	42° 34'	42° 40'	44a	8° 28'		

Wrigg Harbor from Cayenne towards Silion

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3	140611	W. N. W.	4		Journal entry 29/11/1893
2	3					Cloudy with strong gale at 7 AM.
3	3					Sea 166 and becoming more
4	3					and greater the gale as the
5	3					gale increases. Early 11 AM
6	3					seen great banks of ice
7	3					from St. Catharine 4 PM. not
8	3					local sources of ice
9	3					
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SWW	56	12 12 e	46 34 30 N				10 63 24		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3					Journal entry 29/11/1893
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SWW	188	10	142 42 24				2 11 52 00		

From Portobello from Clydebank towards Helensburgh.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 46	11	18°	5	42° 12' 42" S			5	55 54'	

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8453	20	13.	14	42 31	42 24		19.	513	

Brig. Gen. Tolson from Goyenne towards Pulten

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Wednesday, June 5th 1833
1	5		SW & S	W.W.	NE	Beginns with brisk breezes and	
2	5					grows out to a gale at 8 A.M.	
3	4		SW & S			blown to SSW	
4	4						
5	4		SW & S				
6	4						
7	4		SW & S				
8	4						
9	4		SW & S				
10	4						
11	4						
12	4						
1	4		SW & S				
2	4						
3	4		SW & S				
4	4						
5	3		SW & S				
6	3						
7	2		SW & S				
8	2						
9	2		SW & S				
10	2						
11	3		SW & S				
12	3						

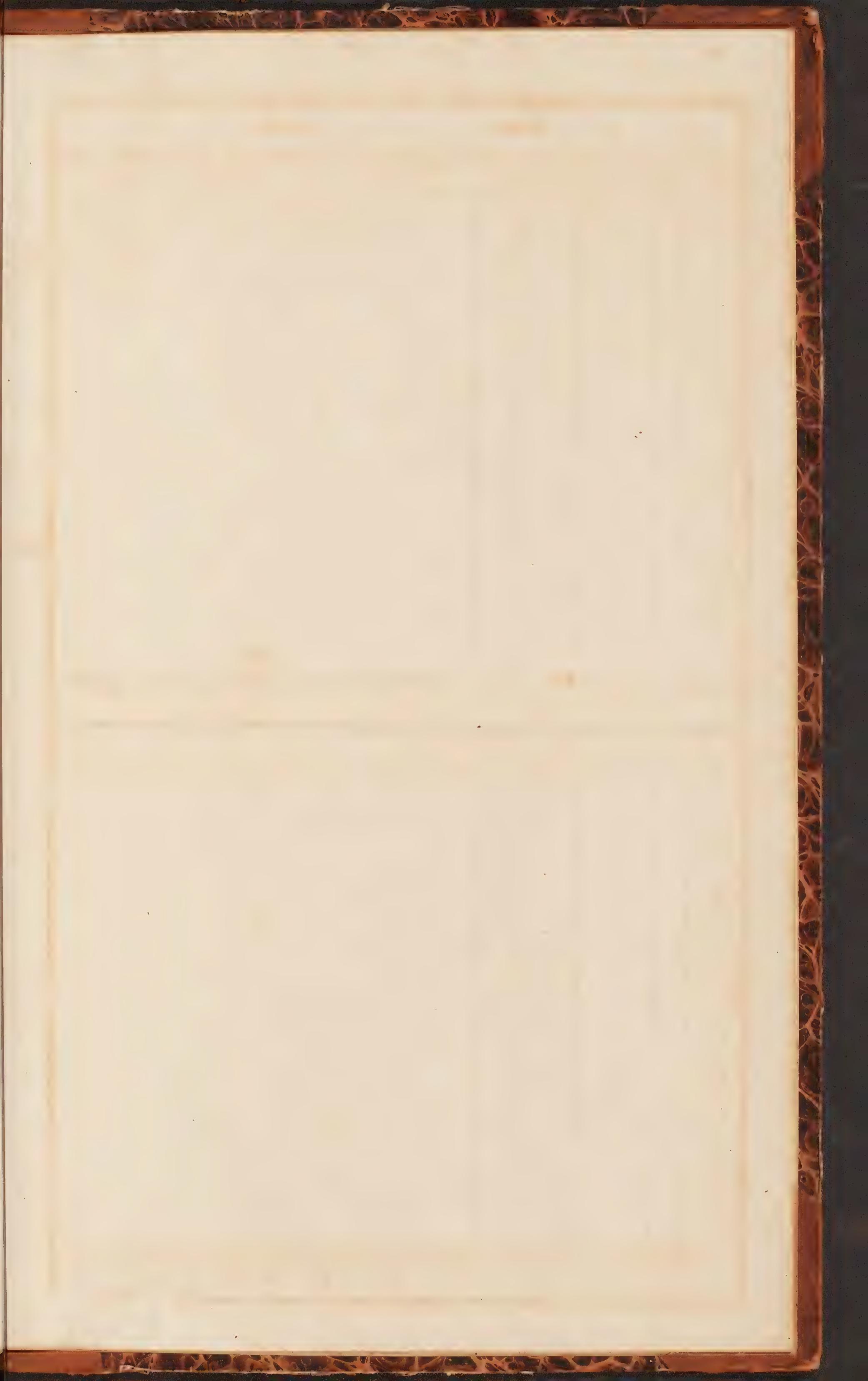
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
W 31 81	43	18	33° 03'				25	53 38'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			SW	East		
2						1500 made back to a station west of the 4-p. a.m. and 3 p. tides, below light and at 10 came the in. S. low. barometer.
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
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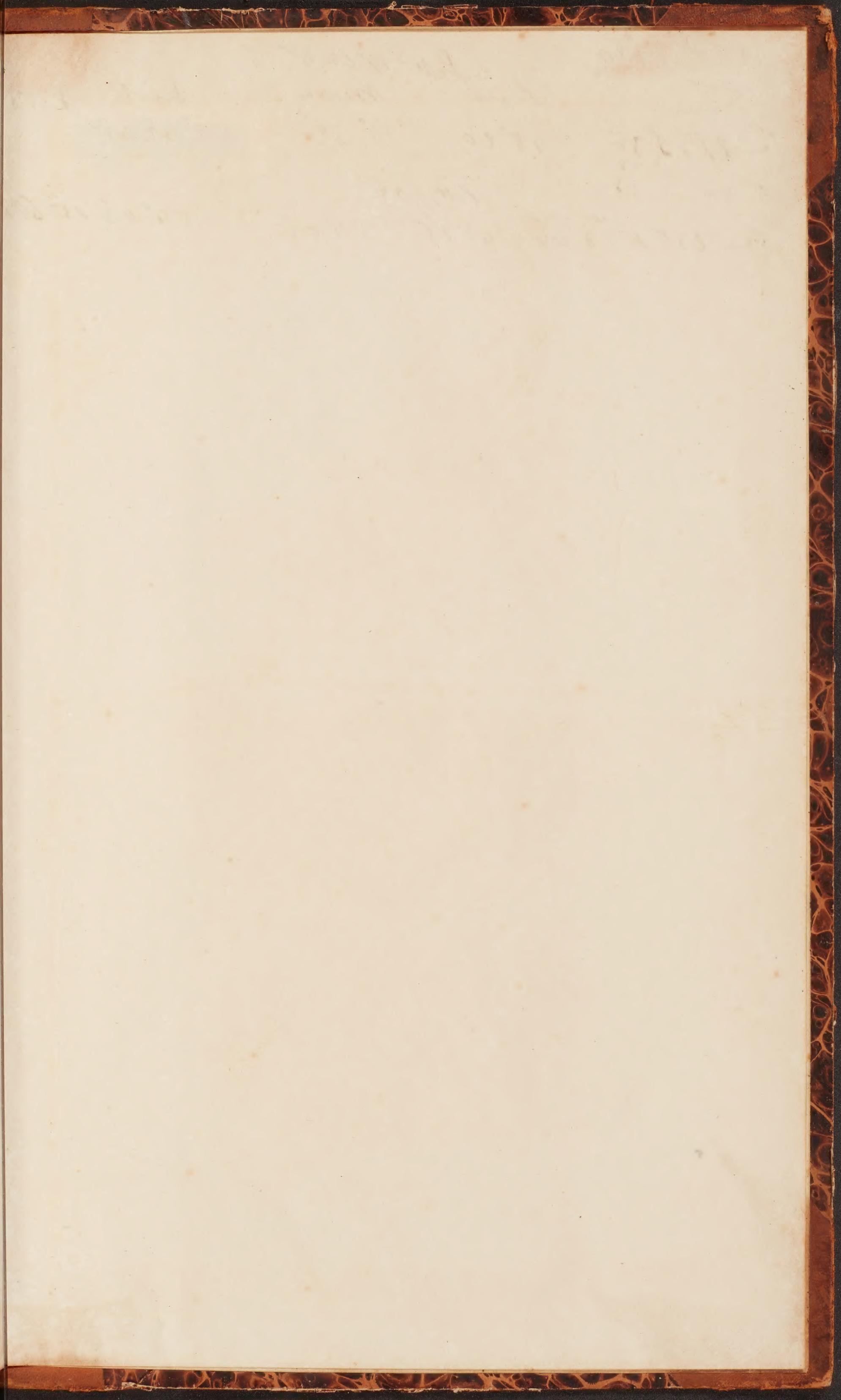
*from**towards*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.
						Varia.
						Diff. Long.
						Long. in.
						Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.
						Varia.
						Diff. Long.
						Long. in.
						Long. by Ob.







10° 25' 38" <sup>8</sup> Dec 1830

Lat 19° 60' N

Time

Sun

Moon

Dist

285.5

Jan 27 22<sup>h</sup> 30<sup>m</sup>

45° 20'

18° 32'

52° 12' 25"

28 4<sup>h</sup> 58<sup>m</sup>

Lat 19° 38'

Jan 28<sup>th</sup> 1<sup>h</sup> 28' 06" <sup>correction</sup>

48° 28'

54° 05'

54° 03' 15" 66° 18'

91 35 7416  
11 68  
72 18

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